

## **CHAPTER 8**

### **TREES, PLANTS, AND LANDSCAPING**

The Program Manager/Project Manager must confer with the Urban Forestry Administration for issues relating to trees and landscaping

#### **8.1 General Requirements**

The Urban Forestry Administration is responsible for providing information related to tree planting. All landscaping should fulfill functional and aesthetic requirements along with those mandated by DDOT policy and Federal regulations.

Throughout the design process, the landscape designer should collaborate with other professional disciplines. All design projects should be reviewed by the Urban Forestry Administration to ensure the landscape being provided will thrive and that safety and regulatory standards are being met. Project specific environmental commitments made during project development by the environmental specialists whether in Environmental Impact Statements, Environmental Assessments or during minor project development must be incorporated into the design plans. Project specific mitigation commitments generally involve avoidance, protection, minimization or replacement of protected resources.

Landscape plans may include: planting, grading, erosion control, irrigation system, environmental mitigation such as wetland replacement, and architectural features, depending on the scope of the project.

The preliminary landscape plans should include the following activities:

- Base map preparation or site plan.
- Determination of alternate designs based on pre-design meetings, and appropriate standards.
- Coordination of special permits as required for mitigation.
- Checking of availability of all plant material.
- Coordination with Program Managers/Neighborhood Groups.

The final landscaping design will be documented in the project file and completed based on the following:

- Preliminary Design Review minutes, revisions, and written safety and design decisions.
- Special permit requirement.
- Special provisions.
- Coordination with the District Environmental staff, the Urban Forestry Administration.

- Final Design Review changes and review minutes for final sign-off.
- Fulfillment of landscape requirements mandated by DDOT policy and Federal regulations.
- Environmental mitigation requirements.

NOTE: Federal-aid projects shall include the planting of native wildflower seeds, seedlings or both as provided in 23 CFR Part 752.11 (b), unless a waiver is granted.

## **8.2 Seeding/Sodding**

A site-specific re-vegetation plan is required on all projects where earthwork disturbance has occurred to prevent excessive soil and water loss, improve water quality and to increase aesthetics of the project.

The Urban Forestry Administration should review re-vegetation plans developed by the consultant. The plans should include coordination with the District or local entities for any special design requirements or specifications.

The seed plan will be included in the Storm Water Management Plan. The final design plan should reflect all Federal and DDOT policies regarding re-vegetation requirements.

## **8.3 Irrigation Systems**

Irrigation systems are required if requested by the District. The Urban Forestry Administration should review the plans. The irrigation plans should be included in the Final Office Review plans.

The designs should include a site plan of the irrigation system, a tabulation of required items (such as pipe, sprinkler heads and controls) and special detail requirements or specifications required by maintenance and/or entities. The District coordinates special permits, and coordinates special requirements with the other government agencies.